

# LOCAL NOTICE TO MARINERS

U.S. Department  
of Transportation

United States  
Coast Guard



## MONTHLY EDITION

## U.S. Coast Guard Eleventh District

ISSUED BY: COMMANDER, ELEVENTH COAST GUARD DISTRICT (oan)  
Coast Guard Island, Building 50-6, Alameda, California 94501-5100  
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call QM2 Daniel Chase at (510) 437-2981.  
Boating Safety Classes or Information: 1-800-869-SAIL (7245)  
\*\* NIS watchstander, 24 hours a day at (703) 313-5900 \*\*  
\*\* INTERNET ADDRESS \*\*  
[HTTP://www.navcen.uscg.mil](http://www.navcen.uscg.mil)

**BROADCAST NOTICE TO MARINERS** - Information concerning aids to navigation and waterways management promulgated by BNM 0530-00 to BNM 0551-00 have been incorporated in this notice if still significant.

**LIGHT LIST REFERENCE: COMDT PUB P16502.6 LIGHT LIST, VOLUME VI 2000 Edition**

### USE OF THE LOCAL NOTICE TO MARINERS

The Monthly edition of the Local Notice to Mariners contains all information relevant to the waterways within the Eleventh Coast Guard District. This Monthly edition should be retained as a reference for subsequently issued Weekly Supplements.

### I. SPECIAL NOTICES

#### LORAN-C STATUS AS OF 01 Aug 2000

Loran-C stations for 8290/9940 Chains are on air. For information regarding the Loran-C System, contact the Coordinator of Chain Operations West Coast at (707) 765-7590.  
LNM 31/00 dated 01 Aug 2000.

#### d-GPS STATUS AS OF 01 Aug 2000

For information regarding the dGPS system, or for status updates contact the Petaluma Control Center at (707) 765-7612/7613.  
LNM 31/00 dated 01 Aug 2000.

The dates of Latest Editions, Nautical Charts and Miscellaneous Maps, dated April 1, 2000, published by the National Ocean Service, is available for issue. It may be obtained free from the Distribution Division, N/ACC3, National Ocean Service, 6501 Lafayette Avenue, Riverdale, MD, 20737-1199. This is a quarterly publication listing the most recent editions of Nautical charts, miscellaneous maps and publications relating to navigation, weather, etc. with brief descriptions and up to date prices from most of the publications listed.  
LNM 31/00 dated 01 Aug 2000

**U.S. Coast Pilot** - For changes 1 through 45 to Coast Pilot 7 31<sup>st</sup> edition, write to: Commander (oan), Eleventh Coast Guard District, Building 50-6, Coast Guard Island, Alameda, CA 94501-5100.

### II. DISCREPANCIES / DISCREPANCIES CORRECTED AS OF 0800T 01 August 2000

**DISCREPANCIES:** (bold type and \* denote new information since last LNM)

LLNR	NAME OF AID	STATUS	CHARTS AFFECTED	BNM REF.	LNM REF.
210.00	Point Arguello Light	REDUCED INTEN/FOG SIG INOP	18720	0293-00	20-00
213.00	NOAA Environmental LB 46011	EXTINGUISHED	18700	0320-00	21-00
280.00	Point Sur Light	REDUCED INTENSITY	18680	0506-00	30-00
360.00	San Francisco LHB SF	RACON INOPERATIVE	18680	0440-00	27-00
475.00	Punta Gorda Lighted Whistle Buoy 24	OFFSTATION	18620	0393-00	26-00
1720.00	San Diego Lighted Mooring Buoy 19	IMPROPER CHARACTERISTICS	18773	0109-00	08-00
<b>2395.00</b>	<b>Dana Point Breakwater LT 3</b>	<b>CONTINUOUSLY SOUNDING</b>	<b>18746</b>	<b>0552-00</b>	<b>31-00*</b>
2450.00	Newport Bay Channel light 5	EXTINGUISHED	18754	0482-00	29-00
2455.00	Newport Bay Channel Light 6	EXTINGUISHED	18754	0480-00	29-00
2600.00	Begg Rock Lighted Whistle Buoy 4BR	EXTINGUISHED	18755	0187-00	14-00
3155.00	Los Angeles SW Slip Danger Buoy	MISSING	18751	0899-99	52-99

01 Aug 2000

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON  
THE WORLD WIDE WEB AT [WWW.NAVCEN.USCG.MIL](http://WWW.NAVCEN.USCG.MIL)

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**Discrepancies (Cont'd)**

3457.00	Marina Del Rey Light 3A	EXTINGUISHED	18744	0470-00	29-00
3470.00	Marina Del Rey Light 5	EXTINGUISHED	18744	0471-00	29-00
3490.00	Marina Del Rey Light 11	EXTINGUISHED	18744	0472-00	29-00
3765.00	Santa Barbara Harbor Light 4	FOG SIGNAL INOPERATIVE	18725	0938-98	52-98
4690.00	Oakland Inner Harbor North Ch LT 2	EXTINGUISHED	18649	0377-00	24-00
4955.00	San Bruno Shoal Channel Light 3	MISSING	18651	0294-00	20-00
5365.00	Emeryville Marina Light 2	EXTINGUISHED	18649	0325-00	21-00
5370.00	Emeryville Marina Light 3	EXTINGUISHED	18649	0326-00	21-00
5380.00	Emeryville Marina Light 5	IMPROPER CHARACTERISTICS	18649	0327-00	21-00
5385.00	Emeryville Marina Light 6	EXTINGUISHED	18649	0328-00	21-00
5395.00	Emeryville Marina Light 8	EXTINGUISHED	18649	0329-00	21-00
5725.00	Richmond Harbor Channel Light 9	LEANING	18649	0628-99	37-99
6020.00	Petaluma River Entrance Ch. Lt. 10	REDUCED INTENSITY	18654	0250-00	17-00
6185.00	Napa River Range Front Light 14	LEANING	18654	0561-99	33-99
7620.00	Sacramento River Buoy 2	MISSING	18661	0318-00	20-00
8475.00	Lake Tahoe Emerald Bay Buoy 4	MISSING	18665	0345-00	23-00
8430.00	Lake Tahoe Buoy 10	OFFSTATION	18665	0483-00	29-00
8490.00	Lake Tahoe Buoy 28	MISSING	18665	0348.00	22-00

**DISCREPANCIES CORRECTED**

8480.00	Lake Tahoe Buoy 24	WATCHING PROPERLY	18665	0463-00	28-00
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**III. TEMPORARY CHANGES/TEMPORARY CHANGES CORRECTED - ESTABLISHED/DISCONTINUED AIDS**

2054.00	Sweetwater Channel Light 4	TRLB	18773	0229-00	16-00
3116.00	Los Angeles Main Channel LB 8	TEMPORARILY RELOCATED	18751	0032-00	04-00
3772.00	Santa Barbara HBR Lighted Buoy 5A	TRUB	18725	0146-00	10-00
3855.10	Morro Bay Channel Lighted Buoy 4A	TEMPORARILY ESTABLISHED	18703	0110-00	08-00
5685.00	Richmond Channel Lighted Buoy 4	TRLB	18749	0535-00	30-00
6395.00	Seal Islands Channel Daybeacon 3	TRUB	18656	0571-99	34-99
8035.00	Tomales Bay Buoy 3	TRUB	18643	0781-98	43-98
8255.00	Samoa Channel Light 4	TRLB	18622	0478-99	29-99
8260.00	Samoa Turning Basin Lighted Buoy 6	TRLB	18622	0309-99	19-99
8330.00	Hookton Channel Light 10	TRLB	18622	0598-99	37-99
8585.00	Lake Tahoe Restricted Area DBN L	TRUB	18665	0702-98	40-98

**TEMPORARY CHANGES CORRECTED:**

None.

**IV. CHART CORRECTIONS**

**EXPLANATION OF FORMAT** - Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number, beginning with the lowest and progressing through all charts affected. Each correction pertains to a particular chart and to that chart only. It is up to the mariner to decide which charts are to be corrected. The following example explains the individual elements of a typical correction:

Chart number	Chart edition	Edition date	Reference datum	Last Local Notice to Mariners	Source of correction	Current Notice to Mariners
18649	53rd ed.	5/6/89	NAD 83	Last LNM 35/89	(CGD11)	37/89
(Temp) CA - San Francisco Bay - General location						
Add						37°48'00"N, 122°15'00"W
<b>Corrective action</b>	<b>Object of corrective action</b>					<b>Position</b>

(Temp) located below the chart number indicates that the corrective action is temporary. Courses and bearings are given in degrees clockwise from 000° True. Bearings of light sectors are toward the light from seaward. The nominal range of a light is expressed in nautical miles, (e.g. 7M).

18655	57 <sup>th</sup> ed.	03/13/1999	NAD 83	Last LNM: 20/00	( CGD11 )	31/00
	CA - MARE ISLAND STRAIT					
	Change					
				Carquinez Strait Shore Oil Terminal Wharf Lights East (2) to Fl W 9s	at	38°03'32.000"N 122°14'28.000"W
				Carquinez Strait Shore Oil Terminal Wharf Lights West (2) to Fl W 9s	at	38°03'32.000"N 122°14'30.000"W
18744	30 <sup>th</sup> ed.	05/09/1998	NAD 83	Last LNM: 20/00	( CGD11 )	31/00
	CA - SANTA MONICA BAY					
	Delete			Marina Del Rey Light 8	at	33°58'28.200"N 118°26'47.000"W
18720	30 <sup>th</sup> ed.	08/31/1996	NAD 83	Last LNM: 29/00	( CGD11 )	31/00
	CA - POINT DUME TO PURISMA POINT					
	Add (Temp)			Waverider Buoy (yellow) Fl (5) Y 20s (Priv Maint)	at	33°13'18.000"N 119°53'00.000"W

## V. ADVANCE NOTICE OF CHANGES IN AIDS TO NAVIGATION

**CALIFORNIA- TRAFFIC SEPARATION SCHEMES IN THE APPROACHES TO LOS ANGELES-LONG BEACH-** The Coast Guard plans to amend the existing Traffic Separation Scheme (TSS) in the approach to Los Angeles-Long Beach effective on 1 Sep 2000. The amendments enlarge the Precautionary Area, shift the Western Approach south, and shift the Southern Approach west. The following geographic coordinates describe the amendments (see enclosure 1):

### Precautionary area.

- (a) The precautionary area will consist of the water area enclosed by the Los Angeles-Long Beach breakwater and a line connecting Point Fermin Light at 33°42.30'N, 118°17.60'W, with the following geographical positions:

Latitude	Longitude
33°35.50'N	118°17.60'W
33°35.50'N	118°09.00'W
33°37.70'N	118°06.50'W
33°43.40'N	118°10.80'W

### Western approach.

- (a) A separation zone is bounded by a line connecting the following geographical positions:

Latitude	Longitude
33°37.70'N	118°17.60'W
33°36.50'N	118°17.60'W
33°36.50'N	118°23.10'W
33°43.20'N	118°36.90'W
33°44.90'N	118°35.70'W
33°37.70'N	118°20.90'W

- (b) A traffic lane for northbound coastwise traffic is established between the separation zone and a line connecting the following geographical positions:

Latitude	Longitude
33°38.70'N	118°17.60'W
33°38.70'N	118°20.60'W
33°45.80'N	118°35.10'W

- (c) A traffic lane for southbound coastwise traffic is established between the separation zone and a line connecting the following geographical positions:

Latitude	Longitude
33°35.50'N	118°17.60'W
33°35.50'N	118°23.43'W
33°42.30'N	118°37.50'W

### Southern approach.

- (a) A separation zone is established bounded by a line connecting the following geographic positions:

Latitude	Longitude
33°35.50'N	118°10.30'W
33°35.50'N	118°12.75'W
33°19.70'N	118°03.50'W
33°19.00'N	118°05.60'W

- (b) A traffic lane for northbound traffic is established between the separation zone and a line connecting the following geographical positions:

Latitude	Longitude
33°35.50'N	118°09.00'W
33°20.00'N	118°02.30'W

- (c) A traffic lane for southbound traffic is established between the separation zone and a line connecting the following geographical positions:

Latitude	Longitude
33°35.50'N	118°14.00'W
33°18.70'N	118°06.75'W

The next printing of applicable NOAA charts will accurately reflect this change. For more information contact Lieutenant junior grade Matt ten Berge, Aids to Navigation Operations Officer, (510) 437-2969; email [mtenberge@d11.uscg.mil](mailto:mtenberge@d11.uscg.mil); or write to the address above.

Chart: 18022, 18740, 18746 LNM 31/00 dated 01 Aug 00

## Advance Notice (Cont'd)

**SOUTHERN CALIFORNIA- LOS ANGELES-LONG BEACH- AID RELOCATIONS-** The Coast Guard will be making the following changes to Aids to Navigation to mark the amended Los Angeles- Long Beach Traffic Separation Schemes. The following changes will occur **on or about 01 September 2000** (See enclosure 1):

Relocate San Pedro Channel Traffic Lane Lighted Buoy S to position 33° 35' 30.000"N 118° 11' 31.500"W

Relocate San Pedro Channel Traffic Lane Lighted Buoy W to position 33° 37' 06.000"N 118° 17' 36.000"W

Relocate San Pedro Channel Traffic Lane Lighted Buoy SP to position 33° 37' 06.000"N 118° 22' 01.200"W

If you have questions or comments contact Lieutenant junior grade Matt ten Berge at (510) 437-2969; email [rttenberge@d11.uscg.mil](mailto:rttenberge@d11.uscg.mil); or write to the address above.

Chart: 18022, 18740, 18746 LNM 31/00 dated 01 Aug 00

**SOUTHERN CALIFORNIA- LOS ANGELES-LONG BEACH- AID CHANGES-** The Coast Guard will be making the following changes to Aids to Navigation to mark the lengthened Los Angeles Approach Channel. The following changes will occur **on or about 01 September 2000** (See enclosure 1):

Establish Los Angeles Approach Channel Lighted Whistle Buoy 1 in position 33° 39' 25.200"N 118° 13' 33.000" (with RACON)

Establish Los Angeles Approach Channel Lighted Buoy 2 in position 33° 40' 23.970"N 118° 13' 44.340"

Establish Los Angeles Approach Channel Lighted Buoy 3 in position 33° 41' 16.000"N 118° 14' 24.000"

Renumber existing Los Angeles Approach Channel Lighted Buoy 1 to Los Angeles Approach Channel Lighted Buoy 5

Renumber existing Los Angeles Approach Channel Lighted Buoy 2 to Los Angeles Approach Channel Lighted Buoy 6

Renumber existing Los Angeles Main Channel Light 6 to Los Angeles Main Channel Light 8

Renumber existing Los Angeles Main Channel Lighted Buoy 8 to Los Angeles Main Channel Lighted Buoy 10

Renumber existing Los Angeles Main Channel Lighted Buoy 9 to Los Angeles Main Channel Lighted Buoy 11

Renumber existing Los Angeles Main Channel Lighted Buoy 10 to Los Angeles Main Channel Lighted Buoy 12

Renumber existing Los Angeles Main Channel Articulated Light 11 to Los Angeles Main Channel Articulated Light 13

Renumber existing Los Angeles Main Channel Light 12 to Los Angeles Main Channel Light 14.

Discontinue Los Angeles Approach Channel Approach Lighted Whistle Buoy "LA"

If you have questions or comments contact Lieutenant junior grade Matt ten Berge at (510) 437-2969; email [rttenberge@d11.uscg.mil](mailto:rttenberge@d11.uscg.mil); or write to the address above.

Chart: 18746, 18751 LNM 31/00 dated 01 Aug 00

## VI. PROPOSED CHANGES IN AIDS TO NAVIGATION

**NORTHERN CALIFORNIA-REQUEST FOR COMMENTS - SAN FRANCISCO APPROACH LIGHTED HORN BUOY "SF"**-The Coast Guard is proposing to discontinue the horn on San Francisco Approach Lighted Horn Buoy "SF". Any questions or comments can be directed to LTJg Matt ten Berge at (510) 437-2969 or write to the address above.  
Chart: 18649

## VII. GENERAL INFORMATION

**SOUTHERN CALIFORNIA – SAN DIEGO BAY – DEMOLITION OPERATIONS** – R. E. Staite Engineering, Inc. is conducting demolition operations in the vicinity of Pier J/K, Naval Air Station North Island **through 31 August 2000**. Derrick barges are spudded down in approximate position 32-42.76N 117-11.33W and will be attended as needed by the tug boat *FEATHER RIVER*. Mariners are requested to transit the area with caution.  
Chart: 18773 LNM 20/00 dated 16 May 2000.

**SOUTHERN CALIFORNIA - SEAL BEACH - CONSTRUCTION AND DIVING OPERATIONS** - Stolt Comex Seaway Inc. is conducting construction and diving operations **through 24 November 2000**. The operation is taking place at the following coordinates:  
33°43'03.92"N/ 118°07'50.41"W  
33°43'00.64"N/ 118°07'19.38"W  
33°43'31.71"N/ 118°07'45.60"W  
The *MV PATRIOT* is on scene and monitoring channel 16 VHF-FM.  
Chart: 18744 LNM 16/00 18 April 2000.

**SOUTHERN CALIFORNIA – SAN PEDRO ESCARPMENT – DATA COLLECTION** – Science Applications International Corporation has established several temporary data collection buoys in an area bound by the following positions: 33°43'03"N 118°21'20"W, 33°42'40"W 118°21'47"W, 33°42'31"N 118°20'30"W, 33°42'06"N 118°20'49"W. Data collection will take place **until 15 September 2000**. For further comments or details contact John Evans at (858) 826-7476.  
Chart: 18746 LNM 30/00 dated 25 July 2000.

**SOUTHERN CALIFORNIA – LONG BEACH HARBOR – DRAG BARGE OPERATIONS** – Drag Barge operations are taking place in the vicinity of the Long Beach Harbor Approach Channel **through November 2000**. The Tug *AMERICAN SPIRIT* will be pushing a barge with a 30 ton drag blade lowered to the bottom. Mariners are advised to contact VTS Long Beach to arrange passage. For further details or comments contact Mark Epping of American Marine at (310) 547-0919.  
Chart: 18751 LNM 28/00 dated 11 Jul 2000

### SOUTHERN CALIFORNIA – LOS ANGELES/LONG BEACH

**APPROACH – DIVING OPERATIONS** - Sea urchin harvesting is taking place in the area known as Horse Shoe Kelp, centered at 33-40.0N/118-12.2W. This area extends approximately 1-4 nautical miles from Angels Gate in the precautionary area. Urchin divers utilize surface supplied air from their dive vessels. The divers are harvesting urchins in depth ranging from 70 to 90 feet and have from 600 to 1000 feet of air hose connecting them to their vessels. Mariners are requested to transiting the area with caution.  
Chart:18746 LNM 18/00 dated 02 May 2000.

### SOUTHERN CALIFORNIA – SANTA BARBARA CHANNEL –

**SURVEYING** – Marine & Coastal Environmental Sciences is conducting a survey operation using a remotely operated vehicle in the Santa Barbara channel around platforms Hope, Heidi, Hazel, and Hilda. Operations will last **until 05 Aug 2000**. For further details or comments contact Ray Dewitt at (925) 685-9441.  
Charts: 18721, 18725 LNM 31/00 dated 02 Aug 2000.

### SOUTHERN CALIFORNIA – LOS ANGELES/LONG BEACH HARBOR

**– DREDGING OPERATIONS** – Natco Limited is conducting dredging in the Los Angeles/Long Beach Harbor **through 01 November 2000**. The dredge *SUGAR ISLAND* is on scene and monitoring channels 13 and 16 VHF-FM. Mariners are requested to transit the area with caution.  
Charts:18749, 18751 LNM 18/00 dated 02 May 2000.

### SOUTHERN CALIFORNIA – LOS ANGELES HARBOR – DREDGING

**OPERATIONS** – Manson Construction is conducting dredging operations in the North Channel of Pier 400 in Los Angeles Harbor **through August 2000**. Dredging will be accomplished by the Clamshell Dredge DB NJORD. For further details or comments contact Project Manager Tim Hanson at (562) 755-9663  
Chart: 18751 LNM 31/00 dated 05 July 2000.

## General Info (Cont'd)



**SOUTHERN CALIFORNIA - VENTURA HARBOR - SUBMERGED ROCK** - A submerged rock has been reported in position 34°15.3'N/ 119°16.37'W in Ventura Harbor. Mariners are advised to transit the area with caution.  
Chart: 18725 LNM 16/00 dated 18 April 2000.

**SOUTHERN CALIFORNIA – SAN LUIS OBISPO BAY – DREDGING OPERATIONS** - Port San Luis Harbor District is conducting dredging operations **through 30 September 2000** at the Port San Luis Harbor trailer boat basin and mobile hoist pier. The workboat *ELSIE M* is on scene and monitoring channel 16 VHF-FM. Mariners are requested to transit the area with caution.  
Chart: 18703 LNM 19/00 dated 09 May 2000.

**SOUTHERN CALIFORNIA – PLATFORM GAIL – MOORING OVERHAUL** – Fairweather Marine LLC will be conducting mooring systems overhaul in the vicinity of Platform Gail **through August 10, 2000**. The *M/V VICTORY SEAHORSE* will be working on a 24-hour basis. Mariners are advised to use caution when transiting the area. For further details or comments contact Richard Troutman at (805) 704-7465.  
Charts: 18721, 18725 LNM 28/00 dated 11 Jul 2000

**SOUTHERN CALIFORNIA – PORT HUENEME – JETTY REPAIRS** – Connolly Pacific has installed two barge moorings inside the West Jetty at Port Hueneme. All moorings are temporary and **will be removed by October 2000**. Mariners are advised to stay well clear of these barges and to use caution when transiting the area. For further details or comments contact Michael Ellis at (562) 577-0717.  
Chart: 18725 LNM 28/00 dated 11 Jul 2000

**SOUTHERN CALIFORNIA – MORRO BAY – BREAKWATER REPAIR** – Buddy's Contracting Service is repairing the Breakwater in Morro Bay Harbor **through October 2000**. The Derrick barge *LONG BEACH* and tug boats *LARCONA* and *PATCONA* are on station and monitoring channels 16 and 79A VHF-FM. Mariners are requested to stay clear of all floating equipment and anchor wires.  
Chart: 18703 LNM 29/00 dated 18 July 2000.

**SOUTHERN CALIFORNIA – EL SEGUNDO – OFFSHORE SURVEY** – Fugo West, Inc. is conducting an offshore survey in the El Segundo area. Operations will take place **until Aug 28 2000** using the *M/V JULIE ANN*. For further details or comments contact Robin Villa at (805) 658-0455.  
Chart: 18744 LNM 30/00 dated 25 July 2000.

**SOUTHERN CALIFORNIA – SANTA BARBARA CHANNEL – UNDERWATER OPERATIONS** – The *M/V AMERICAN PATRIOT* will be conducting underwater pipeline inspection work **through Aug 08, 2000**. Operations will take place from platform Holly to shore, platform Gail to platform Grace, and platform Grace to shore. For further details or comments contact Jack Cover at (805) 488-6428.  
Chart: LNM 30/00 dated 25 July 2000.

**SOUTHERN CALIFORNIA – SANTA MONICA BAY – DIVE OPERATIONS** – Underwater Technology Services Inc. will be conducting dive operations with the Dredge Barge *SAMSON* in position 33°54.6'N 118°26.1'W in the vicinity of El Segundo. These operations will take place **through 25 August 2000**. For further comments or details contact Mark Wieneke at (805) 652-6999.  
Chart: 18744 LNM 29/00 dated 18 July 2000.

**SOUTHERN CALIFORNIA – NEWPORT AND HUNTINGTON BEACH – DATA COLLECTION** – Science Applications International Corporation has established twelve temporary buoys in the Huntington and Newport Beach off-shore areas. These buoys are to be used for data collection

and will be in position **until June 2001**. The aids will have the following characteristics and positions:

Buoy OC-P Y FI 2s	33°34'22"N	118°00'06"W
Buoy OC-M Y FI 4s	33°34'30"N	118°00'48"W
Buoy PT030 Y FI 4s	33°36'06"N	117°59'12"W
Buoy PT060 Y FI 4s	33°36'01"N	117°56'00"W
Buoy PT061 Y FI 4s	33°34'36"N	117°57'39"W
Buoy PT062 Y FI 4s	33°34'24"N	117°59'30"W
Buoy PT063 Y FI 4s	33°34'33"N	118°01'36"W
Buoy PT064 Y FI 4s	33°34'74"N	118°01'33"W
Buoy PT065 Y FI 4s	33°36'02"N	118°05'33"W
Buoy PT200 Y FI 4s	33°34'39"N	117°55'39"W
Buoy PT201	33°33'35"N	118°01'12"W
Buoy PT202	33°34'57"N	118°05'27"W

Chart: 18746 LNM 30/00 dated 30 July 2000.

**NORTHERN CALIFORNIA – MONTEREY BAY – TEMPORARY MOORINGS** - A total of 12 temporary moorings will be established **through Sept 21, 2000**, 4 Autonomous Underwater Vehicles (AUV) and 8 underwater gliders will be conducting Oceanographic Research for Monterey Bay Aquarium Research Institute (MBARI), Scripps Institute of Oceanography and University of Washington. The area of operations will be the northern half of Monterey Bay to Davenport and out 20nm. All ships will be monitoring Ch 16. For further details or comments contact MBARI at (831) 775-1700 or Mike Matthews at (831) 775-1768.  
Chart: 18685 LNM 28/00 dated 11 Jul 2000

**NORTHERN CALIFORNIA – MONTEREY BAY – RESEARCH BUOY** – The Naval Postgraduate School Department of Meteorology and Oceanography is participating in an experiment which requires a temporary buoy to be placed in Monterey Bay in position: 36°48.6'N 121°53.0'W. The buoy is yellow, 6 ft in diameter with a 15 ft mast, and a yellow 15 flash per minute light. The buoy will be in place **through 31 October 2000**. For further details or comments contact Keith Jones at (831) 656-3034.  
Chart: 18685 LNM 29/00 dated 18 July 2000.

**NORTHERN CALIFORNIA – MONTEREY BAY – OFF SHORE ROUTING** – The International Maritime Organization has approved recommended off shore routing tracks in the vicinity of the Monterey Bay National Marine Sanctuary **to become effective 01 December 2000**. Large commercial vessels are recommended to transit northbound between 12.7 NM and 15 NM, and southbound from 16 NM to 20 NM off shore of the Sanctuary. Hazardous Materials Vessels are recommended to transit northbound 25 NM and southbound 30 NM off shore of the Sanctuary. See enclosure (6) for more details.  
Chart: 18022 LNM 31/00 dated 05 July 2000.

**NORTHERN CALIFORNIA - CHINA BASIN - NO ANCHORAGE ZONE** - The Port of San Francisco has designated the China Basin area at Pacific Bell Ball Park as a no anchorage zone. This area starts behind an imaginary line (pier Head line) drawn from north eastern corner of Pier 50 to the north eastern corner Pier 30 and continues westward to include the waters up to the boundaries formed by the shore line, Piers, breakwaters and the Fourth St. Bridge. Mariners are requested to transit this area only to enter and exit designated docking facilities.  
Chart: 18649 LNM 13/00 dated 28 March 2000.

**NORTHERN CALIFORNIA – SIERRA POINT MARINA – DREDGING OPERATION** – Western Dock Enterprises is conducting dredging operations **through 31 January 2001** in the Sierra Point Marina. The tug *ELCIE M* is on scene and monitoring channels 13, 14, and 79 VHF-FM. Mariners are requested to transit the area with caution.  
Chart: 18651 LNM 16/00 dated 18 April 2000.

**NORTHERN CALIFORNIA – SAN RAFAEL CREEK – DREDGING OPERATIONS** – Western Dock Enterprises is conducting dredging operations **through 30 September 2000** in San Rafael Creek at the Marin Yacht Club. The derrick barge is anchored in the access channel and inside the marina with yellow-lighted buoys. The tug *ELCIE M* is on scene and monitoring channels 13, 14, and 79. Mariners are requested to use caution when transiting the area.  
Chart: 18680 LNM 16/00 dated 18 April 2000.

#### General Info (Cont'd)

**NORTHERN CALIFORNIA – REDWOOD CREEK – DREDGING OPERATIONS** – Dutra Materials will be dredging upstream of Redwood Creek Light 18 (LLNR 5255) **through 01 September, 2000**. The crane

barge *CB 8* will be on scene with two rock barges and monitoring channels 7 and 16 VHF-FM. Mariners are requested to use caution in the area, the crane barge will have four anchor lines out and they may obstruct the channel.  
Chart: 18651 LNM 22/00 dated 30 May 2000.

tugboat *ELCIE M* is on scene with a derrick barge and monitoring channels 13, 14 and 79 VHF-FM. Mariners are requested to transit the area with caution.  
Chart: 18650 LNM 21/00 dated 23 May 2000.

**ARIZONA – COLORADO RIVER – ARAZ DRAINAGE CANAL** - The U.S. Bureau of Reclamation will be placing a dredging pipeline across the Colorado River at the Araz drainage canal, west of Yuma. Point of contact: Mr. Doug Lancaster, USBR, (520) 343-8166.  
Charts: None LNM 14/00 dated 04 April 2000.

**NEVADA – LAKE MEAD – CLOSURE** – The south east portion of the western end of the Boulder Basin of Lake Mead is closed to all boat traffic, fishing, and other public use during the City of Las Vegas Adaptive Water Activities Clinic. **The site will be closed on 12 August, and 16 September 2000.**

**NORTHERN CALIFORNIA – SAN FRANCISCO BAY – DREDGING OPERATIONS** – Western Dock Enterprises is conducting dredging operations in the vicinity of Pier 39 **through 30 November 2000.** The

**BRIDGE INFORMATION - DISCREPANCIES AND CORRECTIONS -**

Questions regarding bridge operations, regulations or permit applications, please contact: Eleventh Coast Guard District, (oan-2) Coast Guard Island, Building 50-6, Alameda, CA 94501-5100 Phone: (510) 437-3514.

**SOUTHERN CALIFORNIA – SAN DIEGO BAY – CORNONADO BRIDGE.** Seismic retrofit activity is in progress at the bridge. Platform work continues on non-channel piers 5-8 and 18 and 21. Concrete pours are continuing at pier 16. There will be daily concrete pours between **0900T and 1400T, Monday-Friday.** Mariners are advised to transit these areas with minimum wakes to reduce hazards at the bridge.  
Chart: 18773

**NORTHERN CALIFORNIA - SAN FRANCISCO BAY - GOLDEN GATE BRIDGE.** Two scaffolds located in the main channel navigation span and one scaffold in the Southern span are lighted at night and reduce vertical clearance by approximately 12 feet. Scaffolding is located at the piers when not in use.  
Charts: 18649, 18650, 18652

**NORTHERN CALIFORNIA - SAN FRANCISCO BAY - SAN FRANCISCO-OAKLAND BAY BRIDGE.** WEST BRIDGE: Scaffolding is located between piers A, B, C, D, and E, reducing vertical clearances by approximately 10 feet. All scaffolding is lighted at night. EAST BRIDGE: All scaffolding has been moved to the piers in the east bridge. All pier lights at Pier K are extinguished.  
Charts: 18649, 18650, 18652

**NORTHERN CALIFORNIA OAKLAND ESTUARY - HIGH STREET DRAWBRIDGE.** The Oakland leaf has been repaired, and the bridge has resumed normal operation.  
Charts: 18649, 18650, 18652

**NORTHERN CALIFORNIA - OAKLAND ESTUARY/SAN LEANDRO BAY - PARK STREET, MILLER SWEENEY, HIGH STREET AND BAYFARM ISLAND DRAWBRIDGES.** Vertical clearance gauges have been restored at all Estuary bridges, as well as the Bayfarm Island Highway and Bicycle bridges.  
Charts: 18649, 18650, 18652

**NORTHERN CALIFORNIA - SAN FRANCISCO BAY – ISLAIS CREEK BRIDGE.** Temporary camels have been installed in the navigation span. Horizontal clearance available for navigation is approximately 90 feet until further notice.  
Charts: 18649, 18650, 18652

**NORTHERN CALIFORNIA - PETALUMA RIVER - BLACKPOINT RAILROAD BRIDGE.** The red pier light on the upstream side of the westerly pier is extinguished.  
Charts: 18652, 18654

**NORTHERN CALIFORNIA – PETALUMA RIVER – HAYSTACK LANDING RAILROAD BRIDGE.** The timber fenders in the navigation span have been damaged. Portions of the bridge structure are unprotected from contact by navigation. Mariners should use caution when transiting the area.  
Charts: 18652, 18654

**NORTHERN CALIFORNIA – PETALUMA RIVER – PETALUMA D STREET DRAWBRIDGE.** The draw span is secured in the open-to-navigation position until approximately **25 August 2000.** Mariners are reminded to contact the bridge for an opening in compliance with special regulations for this bridge found in 33 CFR 117.187(b), and 33 CFR 117.21 when signaling for an open drawbridge.  
Charts: 18652, 18654

**NORTHERN CALIFORNIA - SAN PABLO BAY - SONOMA CREEK- VALLEJO CA SR 37 BRIDGE.** Bridge widening continues and a trestle, in place, is marked with yellow flashing lights. Vertical clearance is reduced approximately 1 ft. from falsework. New piers under construction line up with existing piers.  
Charts: 18652 18654

**NORTHERN CALIFORNIA – SAN FRANCISCO BAY – CARQUINEZ STRAIT – VALLEJO CA I-80 FIXED HIGHWAY BRIDGE REPLACEMENT.** An 80x30 ft. spudded crane barge with two 500 ft. anchor lines parallel to the navigation channel is located at the margin of the channel near the new north pier. A spudded materials barge will occasionally moor parallel to the channel and adjacent to the crane barge. Temporary trestle piles near the Crockett shoreline are marked with yellow flashing lights. A 225x76 ft. derrick barge with 4 anchors, a drill support barge with 4 anchors, and several support vessels are located at the new south pier. All floating equipment and anchor buoys will be lighted at night. Mariners are advised to transit the work site with minimum wake to ensure safe working conditions at the bridge.  
Charts: 18652, 18655, 18656

**Bridge Info (Cont'd)**

**NORTHERN CALIFORNIA – SAN FRANCISCO BAY – CARQUINEZ STRAIT – VALLEJO CA I-80 FIXED HIGHWAY BRIDGE RETROFIT.** EXISTING BRIDGE. A 75x40 ft. flexi-float barge with four 300 ft. anchor lines is located at the south side of Pier 3. Anchor lines will be slacked to the bottom or removed on one hour advance notice at the request of transiting vessels. Floating equipment is lighted at night. Mariners are advised to transit the work site with minimum wake to ensure safe working conditions at the bridge. Scaffolding located in the main channel navigation span is lighted at night and reduces vertical

clearance by approximately 8 feet. Mariners are requested to provide vertical clearance requirements to the Coast Guard VTS as early as possible prior to transit. Mariners should contact the "Carquinez Bridge" via VHF-FM marine radio channel 13 at least 1 hour in advance to determine conditions at the bridge and if necessary, have scaffolding moved out of the channel. Scaffolding will be moved out of the navigation span for vessels with air drafts of 135 ft. or greater. Normal working hours are **0600T-1530T Monday through Friday**, and **1900T-0600T Monday evening through Friday morning**.  
Charts: 18652, 18655, 18656

**NORTHERN CALIFORNIA – CARQUINEZ STRAIT – BENICIA / MARTINEZ HIGHWAY BRIDGE SEISMIC RETROFIT.** The 56x9 ft. platform, located on the channelward side of the southern channel pier, will be removed during **the week of 7 August 2000**. Also, during the week of 7 August 2000, a smaller platform will be placed on the channelward side of the northern channel pier, but will not extend beyond the channel pier of the adjacent Union Pacific Railroad Drawbridge. **GENERAL WORK:** Concrete pours are in progress at non-channel piers 3-13. Floating equipment may be located at any pier. Working vessels are monitoring VHF-FM channels 13 and 14. Mariners are advised to transit the work site with minimum wake to ensure safe working conditions at the bridge. Mariners may contact the crew boat "EASY" on Channel 11 in advance to determine conditions at the bridge.  
Charts: 18652, 18656, 18657

**NORTHERN CALIFORNIA - CARQUINEZ STRAIT - UNION PACIFIC RAILROAD BRIDGE.** The railroad bridge operator is monitoring VHF-FM Channel 13 for marine traffic. Channel 16 may also be used to contact the bridge.  
Charts: 18652, 18656, 18657

**NORTHERN CALIFORNIA - SACRAMENTO RIVER - RIO VISTA BRIDGE.** Work platforms located in the non-navigation spans will not affect navigational channel clearances.  
Chart: 18661

**NORTHERN CALIFORNIA - SAN JOAQUIN RIVER DELTA - SACRAMENTO RIVER - WALNUT GROVE DRAWBRIDGE.** Single leaf operation may occur **through November 2000**. Requirements from larger vessels to open both leafs may be made by providing 15 minutes advance notice to the Rio Vista Bridge Operator for up bound traffic and the Freeport Bridge operator for down bound traffic.  
Chart: 18662

**NORTHERN CALIFORNIA - AMERICAN RIVER - SACRAMENTO COUNTY WATT AVENUE HIGHWAY BRIDGE.** The County has installed a temporary work bridge from the south bank of the river across the navigable portion of the waterway. It provides a 20 ft minimum horizontal clearance and a 6-foot minimum vertical clearance above ordinary summer high water. The temporary bridge will remain in place throughout the summer and autumn construction season.  
Chart: None

**NORTHERN CALIFORNIA – SACRAMENTO RIVER – MERIDIAN BRIDGE.** The damaged northeast dolphin has been removed. Mariners will be notified when dolphin replacement is scheduled.  
Chart: 18664

**GENERAL – SAFETY AT BRIDGE CONSTRUCTION SITES.** Most bridges in the San Francisco Bay Area are undergoing seismic retrofit. Two proposed new bridges may be constructed. Construction and retrofit activities at these bridges will involve the use of scaffolds, temporary trestles, and marine construction equipment. General information about construction activities will be provided in the weekly publication of this Local Notice to Mariners. Immediate information will be provided by Broadcast Notice to Mariners. On some projects, mariners may contact the bridge via marine radio Channel 13, in advance to determine conditions at the bridge and if necessary, have scaffolding moved for safe passage of navigation. Commercial vessels are requested to provide VTS with "air draft," and their vertical clearance requirement to assist the bridges in anticipating the need for moving scaffolding. Mariners are advised to transit the work site with minimum wake to ensure safe working conditions at the bridge

## **CORRECTIONS TO LIGHT LIST, VOLUME VI; PACIFIC COAST AND PACIFIC ISLANDS 1999:**

(\*Denotes the column in which a correction has been made or new information added.)

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CALIFORNIA - Eleventh District							
1858.5	-Coronado Bridge Lighted Mooring Buoy A	32 41 19N 117 09 21W *	FI W 4s			White can buoy with blue band	Private aid 31/00
1858.6	-Coronado Bridge Lighted Mooring Buoy B	32 41 20N 117 09 22W *	FI W 4s			White can buoy with blue band	Private aid 31/00
1858.7	-Coronado Bridge Lighted Mooring Buoy C	32 41 23N 117 09 23W *	FI W 4s			White can buoy with blue band	Private aid 31/00

### **Light List (Cont'd)**

1858.8	-Coronado Bridge Lighted Mooring Buoy D	32 41 25N 117 09 25W *	FI W 4s			White can buoy with blue band	Private aid 31/00
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01 Aug 2000

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON  
THE WORLD WIDE WEB AT [WWW.NAVCEN.USCG.MIL](http://WWW.NAVCEN.USCG.MIL)

LNM 31/00

4672.0	-Lighted Buoy 6	37-47-54N 122-20-12W *	FI R 2.5s	4	Red		31/00
6211.0	-Shore Oil Terminal Wharf Lights East (2)	38-03-32N 122-14-28W *	FI W 9s	10		Private aid.	31/00
			*				
6212.0	-Shore Oil Terminal Wharf Lights West (2)	38-03-32N 122-14-30W *	FI W 9s	10		Private aid.	31/00
			*				

## IX. ADDITIONAL ENCLOSURES

Enclosure (1) Los Angeles/Long Beach Traffic Separation Scheme.  
Enclosure (2) Report of Delay at Drawbridge Form.

D. H. SULOUFF  
Acting Chief, Aids to Navigation and  
Waterways Management Branch



01 Aug 2000

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON  
THE WORLD WIDE WEB AT [WWW.NAVCEN.USCG.MIL](http://WWW.NAVCEN.USCG.MIL)

LNМ 31/00

**U.S. COAST GUARD  
REPORT OF DELAY AT DRAWBRIDGE  
PER 33 CFR 117.5**

BRIDGE NAME \_\_\_\_\_ DATE \_\_\_\_\_

MILE \_\_\_\_\_ WATERWAY \_\_\_\_\_

1. Name/ Type of Vessel \_\_\_\_\_ Direction of Travel \_\_\_\_\_

2. Vessel Owner (Name) \_\_\_\_\_

(Address) \_\_\_\_\_

3. Name of Pilot (if applicable) \_\_\_\_\_

(Address) \_\_\_\_\_

4. Time vessel signaled for bridge opening \_\_\_\_\_

5. Location of vessel when signal was given \_\_\_\_\_

6. Time and location of vessel when delay began \_\_\_\_\_

7. Method of signal for bridge opening ( ) Radio ( ) Sound ( ) Visual

(If sound or visual signal was used, specify \_\_\_\_\_)

8. Time bridge operator acknowledged signal \_\_\_\_\_

9. Method of bridge operator acknowledgement ( ) Radio ( ) Sound ( ) Visual

(If sound or visual signal was used, specify \_\_\_\_\_)

10. Did bridge operator acknowledgement indicate the bridge

( ) Could be opened immediately

( ) Could not be opened immediately

11. If land traffic crossed the bridge:

Time land traffic started across the bridge \_\_\_\_\_

Time land traffic stopped crossing the bridge \_\_\_\_\_

Did land traffic stop on the bridge? \_\_\_\_\_

Duration land traffic stopped on the bridge \_\_\_\_\_

12. Time drawbridge opened for navigation \_\_\_\_\_

14. Additional comments \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

I certify the above information is true to the best of my knowledge and understand this statement may be used by the U.S. Coast Guard in levying fines against the bridge owner.

Signature \_\_\_\_\_

Telephone \_\_\_\_\_

Mariners may complete and send via fax or mail to:

USCG D11(oan-2)

Building 50-6

Coast Guard Island

Alameda, CA 94501-5100

Phone: (510) 437-3514

Fax: (510) 437-5836

## Glossary of common Local Notice to Mariners terms

<b>APP</b> - Approach	<b>LNM</b> – Local Notice to Mariners
<b>BY</b> - Buoy	<b>LT</b> - Light
<b>BB</b> - Bell Buoy	<b>LWB</b> - Lighted Whistle Buoy
<b>BNM</b> – Broadcast Notice to Mariners	<b>LWP</b> – Left Watching Properly
<b>BR</b> - Bridge	<b>MB</b> - Mooring Buoy
<b>BRKW</b> - Breakwater	<b>MHW</b> – Mean High Water
<b>CFR</b> – Code of Federal Regulations	<b>MKR BY</b> - Marker Buoy
<b>CH</b> - Channel	<b>MLLW</b> – Mean Lower Low water
<b>COLREGS</b> – International Regulations for Preventing Collisions at Sea	<b>MSO</b> – Marine Safety Office
<b>COLREGS DEMARCATION LINE</b> – The separation of international and inland waterways	<b>M/V</b> – Motor Vessel
<b>CRK</b> - Creek	<b>N</b> - North
<b>DB</b> – Derrick Barge	<b>NM</b> – Nautical Mile
<b>DBN</b> - Daybeacon	<b>NMS</b> – National Marine Sanctuary
<b>DEG</b> - Degree	<b>Northern California</b> – From Point Conception north to California/Oregon state line
<b>dGPS</b> – Differential Global Positioning System	<b>NPS</b> - National Park Service
<b>DOLPHIN</b> – A cluster of pilings	<b>NWR</b> – National Wildlife Refuge
<b>DWSC</b> - Deep Water Ship Channel	<b>PT</b> – Point
<b>E</b> - East	<b>Q</b> – Quick
<b>EBB</b> – Tidal current toward the sea	<b>RACON</b> – Radar Beacon
<b>ENT</b> - Entrance	<b>RB</b> – Regulatory Buoy
<b>F</b> - Fixed	<b>RCK</b> – Rock
<b>FENDER</b> – The protection system at a bridge	<b>RF LT</b> – Range Front Light
<b>FL</b> - Flashing	<b>RIV</b> – River
<b>FLOOD</b> – Tidal current toward the shore	<b>RR</b> – Railroad
<b>FS/ FOGSIG</b> - Fog Signal	<b>RR BR</b> – Railroad Bridge
<b>GB</b> - Gong Buoy	<b>RR LT</b> – Rear Range Light
<b>GPS</b> – Global Positioning System	<b>SLGH</b> – Slough
<b>HB</b> - Horn Buoy	<b>S</b> – South
<b>HBR</b> - Harbor	<b>Southern California</b> – South of Point Conception to the California/Mexico Boarder
<b>HWY BR</b> – Highway bridge	<b>SPD</b> – Speed
<b>IS</b> - Island	<b>SOFFIT</b> – The “low steel” or other point restricting vertical clearance on a bridge
<b>LB</b> - Lighted Buoy	<b>TRLB</b> – Temporary Lighted Buoy
<b>LBB</b> - Lighted Bell Buoy	<b>TRUB</b> – Temporary Unlighted Buoy
<b>LDG</b> - Landing	<b>USC</b> – United States Code
<b>LEAF</b> – The movable portion of a bascule bridge	<b>VTS</b> – Vessel Traffic Service
<b>LGB</b> - Lighted Gong Buoy	<b>W</b> – West
<b>LHB</b> - Lighted Horn Buoy	<b>WB</b> – Whistle Buoy
<b>LK</b> - Lake	<b>WHF</b> – Wharf
<b>LLNR</b> – Light List Number	<b>WR</b> – Wreck
<b>LMB</b> - Lighted Mooring Buoy	

In addition, there are numerous definitions and explanations of terms in the light list, COMDTPUB P16502.6 light list, Volume VI, 1999 edition. The light list is for sale by:

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